

## ABSTRACT OF THE DISCLOSURE

A method controls the level of a pneumatic level-control system of a motor vehicle including at least two axles, at least one pneumatic spring (2a, 2b) per axle, optionally one or more pressure accumulators (3), at least one pressure sensor (24), elements (16, 18, 20, 22) for determining the distance between at least one wheel and/or an axle and the vehicle body, a control unit (10) and a compressor (12). The axle levels are controlled in sequence and adjusted from a starting level to a target level. During a positive adjustment operation the compressor (12) is at least operated temporarily and/or a connection of at least one pneumatic spring (2a, 2b) to the pressure accumulator (3) is established. The positive adjustment operation for the pneumatic spring or springs (2a, 2b) on an axle from a starting level to a higher target level is interrupted by the control unit (10), if at least one shut-off condition of the compressor (12) has been fulfilled and/or the pressure level is too low in the pressure accumulator (3). To prevent the vehicle from leaning, after the interruption of the positive adjustment operation, the level in all axles is adjusted to a common intermediate level, which is closer to the target level than to the starting level.